

FORM 1 GENERAL		U.S. ENVIRONMENTAL PROTECTION AGENCY GENERAL INFORMATION Consolidated Permits Program (Read the "General Instructions" before starting.)		I. EPA I.D. NUMBER			
				S	T/A		
				F	D		
				1	15		
LABEL ITEMS		PLEASE PLACE LABEL IN THIS SPACE		GENERAL INSTRUCTIONS			
I. EPA I.D. NUMBER	If a preprinted label has been provided, affix it in the designated space. Review the information carefully; if any of it is incorrect, cross through it and enter the correct data in the appropriate fill-in area below. Also, if any of the preprinted data is absent (the area to the left of the label space lists the information that should appear), please provide it in the proper fill-in area(s) below. If the label is complete and correct, you need not complete Items I, III, V, and VI (except VI-B which must be completed regardless). Complete all items if no label has been provided. Refer to the instructions for detailed item descriptions and for the legal authorizations under which this data is collected.						
III. FACILITY NAME							
V. FACILITY MAILING ADDRESS							
VI. FACILITY LOCATION							
II. POLLUTANT CHARACTERISTICS							
INSTRUCTIONS: Complete A through J to determine whether you need to submit any permit application forms to the EPA. If you answer "yes" to any questions, you must submit this form and the supplemental form listed in the parenthesis following the question. Mark "X" in the box in the third column if the supplemental form is attached. If you answer "no" to each question, you need not submit any of these forms. You may answer "no" if your activity is excluded from permit requirements; see Section C of the instructions. See also, Section D of the instructions for definitions of bold-faced terms .							
SPECIFIC QUESTIONS		Mark "X"		SPECIFIC QUESTIONS			
		YES	NO	FORM ATTACHED	YES	NO	FORM ATTACHED
A. Is this facility a publicly owned treatment works which results in a discharge to waters of the U.S. ? (FORM 2A)			X		B. Does or will this facility (either existing or proposed) include a concentrated animal feeding operation or aquatic animal production facility which results in a discharge to waters of the U.S. ? (FORM 2B)	X	
		16	17	18		19	20
C. Is this a facility which currently results in discharges to waters of the U.S. other than those described in A or B above? (FORM 2C)			X		D. Is this a proposed facility (other than those described in A or B above) which will result in a discharge to waters of the U.S. ? (FORM 2D)		X
		22	23	24		25	26
E. Does or will this facility treat, store, or dispose of hazardous wastes ? (FORM 3)			X		F. Do you or will you inject at this facility industrial or municipal effluent below the lowermost stratum containing, within one quarter mile of the well bore, underground sources of drinking water? (FORM 4)		X
		28	29	30		31	32
G. Do you or will you inject at this facility any produced water or other fluids which are brought to the surface in connection with conventional oil or natural gas production, inject fluids used for enhanced recovery of oil or natural gas, or inject fluids for storage of liquid hydrocarbons? (FORM 4)			X		H. Do you or will you inject at this facility fluids for special processes such as mining of sulfur by the Frasch process, solution mining of minerals, in situ combustion of fossil fuel, or recovery of geothermal energy? (FORM 4)		X
		34	35	36		37	38
I. Is this facility a proposed stationary source which is one of the 28 industrial categories listed in the instructions and which will potentially emit 100 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)			X		J. Is this facility a proposed stationary source which is NOT one of the 28 industrial categories listed in the instructions and which will potentially emit 250 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)		X
		40	41	42		43	44
III. NAME OF FACILITY							
C. SKIP							
1 Kampachi Farms, LLC							
15 16 29 30 60							
IV. FACILITY CONTACT							
A. NAME & TITLE (last, first, & title)							
C. 2 Sims, Neil, Applicant							
15 16 45 46 48 49 51 52 55							
B. PHONE (area code & no.)							
(808) 989-2438							
V. FACILITY MAILING ADDRESS							
A. STREET OR P.O. BOX							
C. 3 PO Box 4239							
15 16 45							
B. CITY OR TOWN							
C. 4 Kailua-Kona							
15 16 40 41 42 47 51							
C. STATE							
HI							
D. ZIP CODE							
96740							
VI. FACILITY LOCATION							
A. STREET, ROUTE NO. OR OTHER SPECIFIC IDENTIFIER							
C. 5							
15 16 45							
B. COUNTY NAME							
46 70							
C. CITY OR TOWN							
C. 6							
15 16 40 41 42 47 51 52 54							
D. STATE							
E. ZIP CODE							
F. COUNTY CODE (if known)							

CONTINUED FROM THE FRONT

VII. SIC CODES (4-digit, in order of priority)

A. FIRST										B. SECOND									
C	7	0	2	7	3	(specify) animal aquaculture					C	7	(specify)						
15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30				
C. THIRD										D. FOURTH									
C	7	(specify)								C	7	(specify)							
15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30				

VIII. OPERATOR INFORMATION

A. NAME															B. Is the name listed in Item VIII-A also the owner? <input type="checkbox"/> YES <input type="checkbox"/> NO									
C	8	Bill Austin																						
15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36			
C. STATUS OF OPERATOR (Enter the appropriate letter into the answer box: if "Other," specify.)															D. PHONE (area code & no.)									
F = FEDERAL S = STATE P = PRIVATE M = PUBLIC (other than federal or state) O = OTHER (specify)															P (specify) A (808) 595-0219									

E. STREET OR P.O. BOX														
1042 D. Llima Dr														
26	27	28	29	30	31	32	33	34	35	36	37	38	39	40

F. CITY OR TOWN															G. STATE					H. ZIP CODE					IX. INDIAN LAND				
C	B	Honolulu													HI					96817					Is the facility located on Indian lands? <input type="checkbox"/> YES <input type="checkbox"/> NO				
15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36								

X. EXISTING ENVIRONMENTAL PERMITS

A. NPDES (Discharges to Surface Water)										D. PSD (Air Emissions from Proposed Sources)									
C	9	N								C	9	P							
15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30				
B. UIC (Underground Injection of Fluids)										E. OTHER (specify)									
C	9	U								C	9	(specify)							
15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30				
C. RCRA (Hazardous Wastes)										E. OTHER (specify)									
C	9	R								C	9	(specify)							
15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30				

XI. MAP

Attach to this application a topographic map of the area extending to at least one mile beyond property boundaries. The map must show the outline of the facility, the location of each of its existing and proposed intake and discharge structures, each of its hazardous waste treatment, storage, or disposal facilities, and each well where it injects fluids underground. Include all springs, rivers, and other surface water bodies in the map area. See instructions for precise requirements.

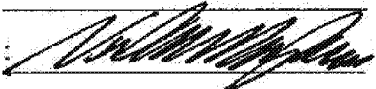
XII. NATURE OF BUSINESS (provide a brief description)

The purpose of this research aquaculture activity is to validate the feasibility of deploying a temporary, small-scale, demonstration net pen and rearing a single cohort (20,000) of almaco jack (kampachi; *Seriola rivoliana*) in Gulf of Mexico (GOM) waters approximately west southwest of Sarasota, Florida. (Figure 1; approximately located at 27°7.11266'N and 83°12.58604'W). The second purpose is to conduct a thorough environmental monitoring program whose goal is to demonstrate that impacts on water quality around the net pen are likely to be immeasurable, due to the low stocking biomass, the careful monitoring of feeding, and the constant, dilutive movement of water through the net pen. The third purpose is to directly address the public misperception of, and fishing industry resistance to, the expansion of open ocean aquaculture in the GOM. It is anticipated that the Baseline Environmental Survey (BES) will require the establishment of a 1,640-ft (500 m) buffer area around each side of the project area. For siting analyses, the VE Project has selected to define a 1.3 mile x 1.3 mile project area; or approximately a 1.7-square-mile site. As such, below are the approximate coordinates; however, the final siting analysis based on the BES and in-water mooring placements may very well shift this proposed footprint in order to avoid sensitive habitats or resources: Top Left=27°7.86863 N, -83°13.45827 W; Top Right=27°7.83079 N, -83°11.63237 W; Bottom Right=27°6.43381 N, -83°11.69349W; and Bottom Left=27°6.50261 N, -83°13.52658 W.

This effort will successfully establish and complete a demonstration project for open ocean aquaculture of almaco jack in the GOM, with documented lessons-learned, public outreach experiences, and a detailed permitting pathway for others to follow.

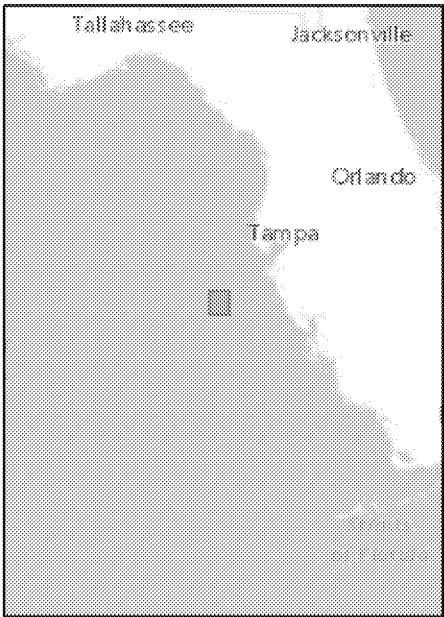
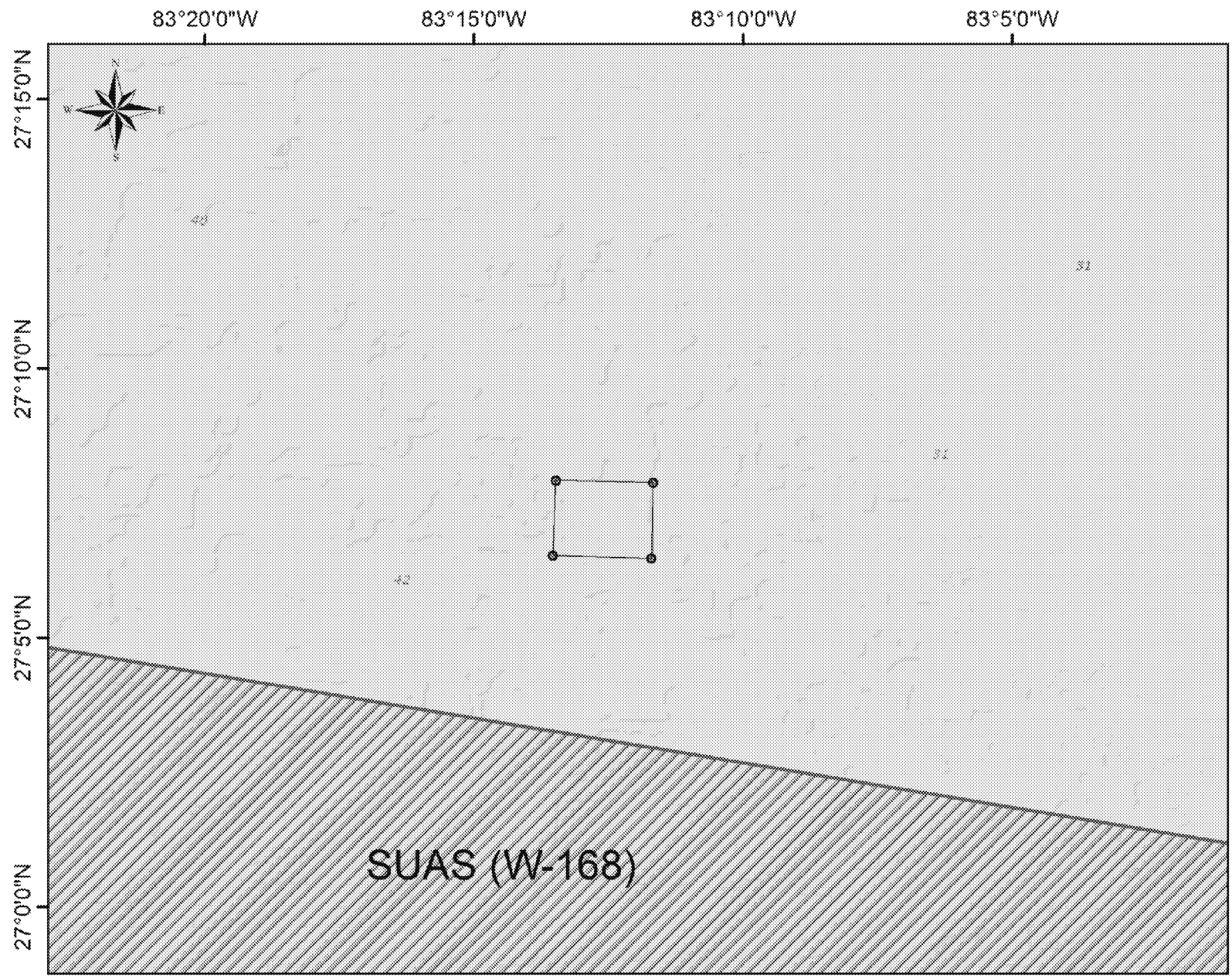
XIII. CERTIFICATION (see instructions)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application and all attachments and that, based on my inquiry of those persons immediately responsible for obtaining the information contained in the application, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME & OFFICIAL TITLE (type or print)															B. SIGNATURE															C. DATE SIGNED									
Neil Anthony Sims																														11/12/2018									

COMMENTS FOR OFFICIAL USE ONLY

C																														
15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45



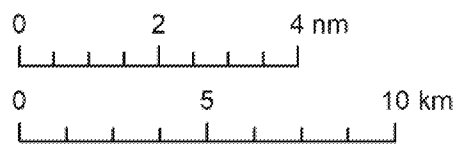
The center point of the site is 4 nm away from the Special Use Air Space (SUAS); the southwest corner point (closest) is 3.2 nm from the SUAS.

Legend

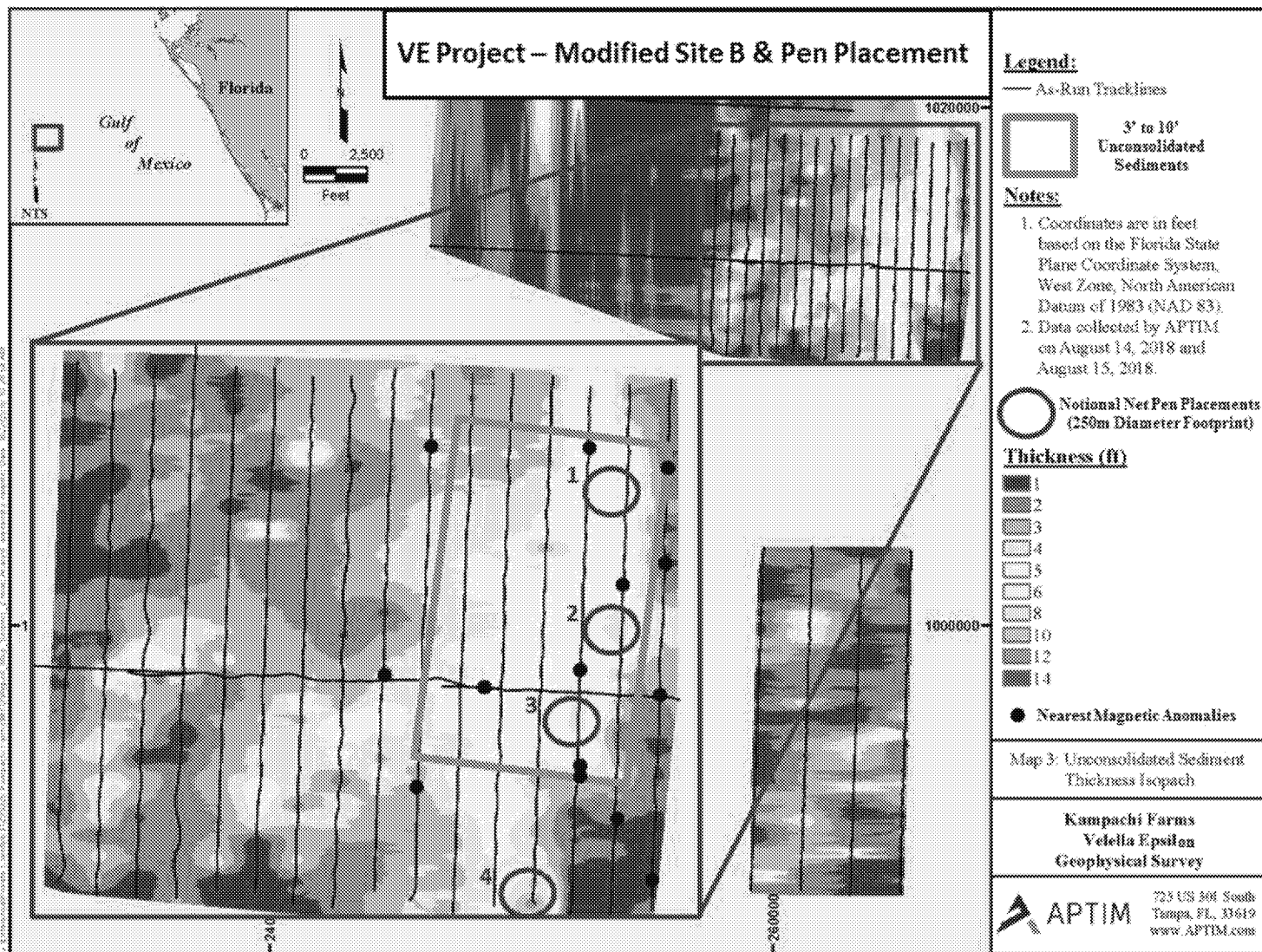
- Site
- Site corner points
- Special Use Air Space (SUAS)

Scale: 1:200,000

Map intended for planning purposes only: Not intended for navigational purposes



Service Layer Credits: Esri, DeLorme, GEBCO, NOAA NGDC, and other contributors
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 Sources: Esri, GEBCO, NOAA, National Geographic, DeLorme, HERE, Geonames.org, and other contributors



Position	° Decimal ' Latitude	° Decimal ' Longitude	Decimal ° Latitude	Decimal ° Longitude	Perimeter (km)	Area (km ²)
Modified Site B from BES Report						
Upper Left	27° 7.86863' N	83° 13.45827' W	27.131143° N	83.224303° W	11.1571	7.7237
Upper Right	27° 7.83079' N	83° 11.63237' W	27.130512° N	83.193872° W		
Lower Right	27° 6.43381' N	83° 11.69349' W	27.107230° N	83.194890° W		
Lower Left	27° 6.50261' N	83° 13.52658' W	27.108377° N	83.225442° W		
Center	27° 7.11266' N	83° 12.58604' W	27.118543° N	83.209767° W		
Targeted Subset Area of Modified Site B from BES Report (3' to 10' Unconsolidated Sediments)						
Upper Left	27° 7.70607' N	83° 12.27012' W	27.128445° N	83.204502° W	5.2273	1.6435
Upper Right	27° 7.61022' N	83° 11.65678' W	27.126837° N	83.194278° W		
Lower Right	27° 6.77773' N	83° 11.75379' W	27.112962° N	83.195897° W		
Lower Left	27° 6.87631' N	83° 12.42032' W	27.114605° N	83.207005° W		
Center	27° 7.34185' N	83° 12.02291' W	27.122365° N	83.200382° W		
Notional Net Pen Placements within Modified Site B from BES Report						
1	27° 7.54724' N	83° 11.85393' W	27.125787° N	83.197565° W	0.7854	0.0491
2	27° 7.17481' N	83° 11.82576' W	27.119580° N	83.197095° W		
3	27° 6.93930' N	83° 11.94780' W	27.115655° N	83.199130° W		
4	27° 6.52579' N	83° 12.09175' W	27.108763° N	83.201530° W		